

ON SOME FISH GENERA OF THE FIRST EDITION OF CUVIER'S RÈGNE ANIMAL AND OKEN'S NAMES.

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In the first edition of the *Règne Animal* (1817) Cuvier introduced many new genera or subgenera, but most of them were named only in French guise. Consequently many naturalists have refused to accept them, but adopted the first Latin names given subsequently, whether they were simply Latin equivalents for Cuvier's or substitutes for them. My desire to retain the excellent name *Lucioperca* for the pike-perches led me to search for earlier commentators on Cuvier and latin equivalents of his names than I had previously found. Several years ago I concluded to look through the volumes of the *Isis* and ascertain if Oken had anything to say about the subject. The volume for that year in the library of the Smithsonian Institution was without an index, but finally, at page 1145, I came upon an elaborate commentary by Oken^a on the classification proposed by Cuvier, and that classification and Oken's arranged in parallel columns. I communicated this discovery to several naturalists, and among them to President Jordan, who has consequently been able to "get to bottom" in the case of several of the Cuvierian genera. In order that others may have equal facilities, I hereinbelow give the names of Cuvier which were prefixed by a French article and without formal Latin names. Cuvier was quite inconsistent in the latinization of the names, sometimes giving them with all formality, within parentheses, after the French names, but generally neglecting to do so. The names here treated are those respecting which the neglect was manifested.

The volumes of *Isis* are often quite difficult to consult. In the present case, Oken's commentary extends through the whole of five numbers entitled and numbered as follows:

No. 144, columns 1145-1152; no. 145, columns 1153-1160; no. 146, columns 1161-1168; no. 147, columns 1169-1176. There are two columns to each page and the columns (not pages) are numbered.

^a Cuviers und Oken's Zoologien neben einander gestellt: in *Isis*, 1817, pp. and col. 1145-1179 + 1779-1782 + 1182-1184 (irregularly numbered: see explanation above).

"Zu 147," two leaves [1177-1178] = four pages.

The only leaf numbered is 1178; there are two columns to each page, as in case of previous numbers.

No. 148, pages [1779-1782].

On these pages there are also two columns, and the matter is continued without interruption from the last page of the previous number.

The numbers 1779, 1780, 1781, and 1782 are merely slips for 1179-1182.

"Zu 148," leaves [1183-1184] = four pages.

All these parts are constituents of a number "VIII," which embraces parts 131 to 151. All are without indication of the month or week or other date than "1817."

The section relative to the fishes is in the last three columns of pages numbered "1781" and "1782" and the first three columns of leaf 1183.

Without this explanation the reader would be naturally perplexed.

GENERIC NAMES.

No.	Cuvier.	Oken.	Page or leaf.
129	Les Cestracions Cuv.	Cestracion	Leaf 1183
152	Les Monacanthes Cuv.	Monacanthus	1183
153	Les Alutères Cuv.	Alutera	1183
153	Les Triacanthes Cuv.	Triacanthus	1183
165	Les Curimatus Cuv.	Curimatus	1183
166	Les Piabucues Cuv.	Piabucus	1183
184	Les Stomias Cuv.	Stomias	1183
185	Les Salanx Cuv.	Salanx	1183
193	Les Cirrhines Cuv.	Cirrhinus	1183
199	Les Lebias Cuv.	Lebia (new)	1183
202	Les Schilbé Cuv.	Schilbe	1183
204	Les Bagre Cuv.	Bagre	1183
204	Les Agoneiiores Laeep. [sic]		1183
212	Les Morues Cuv.	Morr	1183
213	Les Merlans Cuv.	Merlongus	1183
214	Les Merluches Cuv.	Merluccius	1183
215	Les Lottes Cuv.	Lota	1183
215	Les Mustèles Cuv.	Mustel	1183
215	Les Brosme Cuv.	Brosme	1183
223	o Monochirus Cuv.	Monochirus	1183
226	Les Lumps Cuv.	Lumpus	1183
231	Les Congres Cuv.	Couger	1183
235	Les Alabes Cuv.	Alabes	1183
239	Les Fierasters Cuv.	Fieraster	1183
246	Les Vogmares		1183
252	Les Gonnelles		1183
252	Les Opistognates Cuv.		1183
262	Les Crenilabres Cuv.	Crenilabrus	1183
272	Les Daurades	Aurata	1183
277	o Plectropomes Cuv.	Plectropomus	Page 1782
279	Les Pristipomes Cuv.	Pristipom.	1782
280	Les Diagrammes Cuv.	Diagramma	1782
281	o Grammistes Cuv.	Grammistes	1782
281	Les Priacanthes Cuv.	Priacanthus	1782
283	Les Stellifères Cuv.	Stellifer	1782
286	Les Pterois Cuv.	Pterois	1782
291	Les Pomatomes	Pomatomus	1782
294	Les Sandres Cuv.	Sander	1782
296	Les Cingles Cuv.	Zingel	1782
299	Les Otolithes Cuv.	Otolithes (Joh. rub.)	1782
299	Les Ancyrodons Cuv.	Ancyrodon (Lonch. A.)	1782
310	Les Chironectes Cuv.	Chironectes! (L. Histr.) L.	1782
316	Les Vomiers Cuv.	Vomer	1782
324	Les Atropus Cuv.	Atropus (Brama A.)	1782
327	Les Volliers Cuv.	Istiophorus	1782
328	Les Leptopodes Cuv.	Leptopod	1782
334	o Chelmons	Chelmo	1782
339	Les Anabas Cuv.	Anabas (Anthias test.)	1781
342	Les Sescrinus	Sescrinus	1781
344	Les Amphiprions	Amphiprion	1781

Several of these names have undesirable ending, as *Lobia*, *Bagre*, *Brosme*, and *Otolithes*. Others are incomplete, as *Morre*, *Must*, *Pristipom*, and *Leptopod*. Apparently Oken was undecided himself as to appropriate endings, and left them as he has done on account of this uncertainty.

In an article "On the relations and nomenclature of *Stizostedion* or *Lucioperca*," published in 1894,^a I was unable to find a latinized generic name for the pike-perches earlier than 1820, when Rafinesque published the name *Stizostedion*. The name *Sander*, published in the year 1817 as Cuvier's, must now be received and take its place. By those authors, however, who consider the American and European species to be distinct generic types, *Stizostedion* will be retained for the former and *Sander* be taken for the latter.

Zingel must supersede *Cingla* or *Acerina*.

The generic names that may be accepted as dating from this work are *Monacanthus*, *Alutera*, *Triacanthus*, *Urimatus*, *Piabucus*, *Cirrhinus*, *Bagre*, *Lota*, *Brosme*, *Monochirus*, *Aurata* (= *Sparus*), *Plectropomus*, *Priacanthus*, *Stellifer*, *Sander*, *Zingel*, *Otolithes*, and *Chelmo*. When Cuvier gave a Latin or Greek ending to a word, it may be considered as a genuine scientific name even if he did prefix it with a French article or give a French accent.

^a Proc. U. S. Nat. Mus., XVII, 123-128.